

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000349

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G01N 21/64, 33/533, G01J 3/457

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: antigen?, bind+, color, colour, correlat+, crosscorrelat+, dual, dye?, emission, emit+, energy, fccs, fcs, fluoresc+, fluorescence, frequency, identical, interact+, label+, laser, ligand+, mark+, nanocrystal?, one, overlap+, photon, reagent, receptor?, same, single, spectr+, spectroscop+, stokes, tag+, transfer, two, wavelength

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/008732 A1 (MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.) 31 January 2002 [ & US 2004/0022684 A1 (HEINZE et al.) 5 February 2004]. Whole document.	1-26
P, X	HWANG et al., "Dual-color fluorescence cross-correlation spectroscopy using single laser wavelength excitation", ChemPhysChem 2004, 5, 549-551, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim. Whole document.	1-26
X	WO 2003/003015 A2 (ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC.) 9 January 2003. Paragraph [0015].	1-5, 11-16, 22, 26

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
22 December 2004Date of mailing of the international search report  
06 JAN 2005Name and mailing address of the ISA/AU  
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0064789 A1 (WEISS et al.) 30 May 2002. The whole document.	1-6,11-17,22,26
X	WO 2002/040978 A2 (DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENLICHTEN RECHTS) 23 May 2002. Abstract.	1,12,26
X	US 6,384,914 B1 (DREXHAGE et al.) 7 May 2002 Abstract; page 4, lines 48-51; figure 1.	1,12,26
A	US 6,200,818 B1 (EIGEN et al.) 13 March 2001. The whole document.	
X	US 6,177,247 B1 (MATHIES et al.) 23 January 2001 Abstract; claim 1.	1,12,26
X	US 6,130,094 A (WAGGONER et al.) 10 October 2000. Column 1, line 55-column 2, line 20.	1,12,26
X	US 6,008,373 A (WAGGONER et al.) 28 December 1999. Abstract; column 19, lines 56-60.	1,12,26
A	US 5,815,262 A (SCHROF et al.) 29 September 1998. The whole document.	
X	US 4,745,285 A (RECKTENWALD et al.) 17 May 1988. Abstract; column 4, line 59-column 6, line 68; claim 1; figure 1.	1,12,26

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/SG2004/000349**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
WO	0208732	AU	89690/01	DE	10035190	EP	1303750
		US	2004022684				
WO	03003015	CA	2450725	EP	1410031	US	2003148544
US	2002064789						
WO	0240978	AU	21540/02	DE	10053747		
US	6384914	DE	19718016	EP	0979402	WO	9849542
US	6200818	DE	19757740	EP	1042664	WO	9934195
US	6177247	AU	17367/95	CA	2182516	EP	0743987
		US	5654419	US	5688648	US	5707804
		US	5869255	US	6028190	US	6544744
		US	2003143594	WO	9521266		
US	6130094	CA	2178308	EP	0747700	EP	0943918
		GB	2301833	JP	9104825	US	6008373
		US	6479303	US	6545164	US	2003220502
US	5815262	DE	19533092	EP	0762114	JP	9113448
US	4745285	EP	0257559	JP	63118638		
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							